

DERWENT-ACC-NO: 2001-430136

DERWENT-WEEK: 200146

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Realtime tidal automatic display gps

INVENTOR: CHO, C; CHO, Y K ; PARK, R H ; SUN, Y J

PATENT-ASSIGNEE: CHO Y K[CHOYI]

PRIORITY-DATA: 2000KR-0054737 (September 14, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2001000345 A	January 5, 2001	N/A	001	G06F 019/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2001000345A	N/A	2000KR-0054737	September 14, 2000

INT-CL (IPC): G06F019/00

ABSTRACTED-PUB-NO: KR2001000345A

BASIC-ABSTRACT:

NOVELTY - A realtime tidal automatic display GPS is provided to inform a user of a tidal information by using GPS in realtime by dividing a big tidal variation area into many sections and calculating a harmonic constant in each section.

DETAILED DESCRIPTION - A sea area having a big tidal variation area is divided into many small lattices(sections). A harmonic constant of each lattice is calculated. A tidal of GPS-belonging place is calculated by using a position and a time provided from GPS and the calculated harmonic constant, and displays a realtime tide pm GPS screen by a graphic method. At another place not the GPS-belonging place, if GPS terminal inputs a latitude, a longitude, and a time, a tide of the another place is automatically displayed. A harmonic constant and a program for calculating a tide by using the harmonic constant are mounted to GPS terminal. Thereby, the realtime tidal automatic display GPS informs a user of a tidal information by using GPS in realtime by dividing a big tidal variation area into many sections and calculating a harmonic constant in each section.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: TIDE AUTOMATIC DISPLAY GROUP

DERWENT-CLASS: T01

EPI-CODES: T01-J;

현재 GPS 사용자가 위치한 지역(▲지점)의 조석이(아래 곡선) 계산되어 현재 시각(실선)과 함께 휴대폰에 실시간으로 표시된 그림. 그림은 실제로 전라남도 영광군과 전라북도 고창군 연안해역의 어선에 장착된 GPS를 한 예로 보여준다.

